# **Special Issue**

# Biodegradable Formulations for Ocular Drug Delivery

## Message from the Guest Editors

The treatment of ocular pathology is challenging. It is necessary to reach the target cell and maintain effective concentrations at the site of action. Drug penetration, drug metabolism and cell-drug interactions are influenced by the surrounding cellular microenvironment and the pathological stage. There is currently a demand to develop ophthalmic formulations based on personalised medicine and focussed on the individual needs of each patient. In addition, there is a search for new formulations that minimise iatrogenesis, patient discomfort and costs. This Special Issue is open to original research articles, review articles or mini-reviews in this field covering technological, methodological. pharmacological (in vitro, ex vivo and in vivo) or biochemical approaches to biodegradable ophthalmic formulations for the treatment of ocular pathology, as well as for a potential application for early diagnosis.

## **Guest Editors**

## Dr. Irene Bravo-Osuna

Innovation, Therapy and Pharmaceutical Development in Ophthalmology (InnOftal) Research Group, UCM 920415, Department of Pharmaceutics and Food Technology, Faculty of Pharmacy, Complutense University of Madrid, Plaza Ramón y Cajal, s/n, 28040 Madrid, Spain

## Dr. María Jesús Rodrigo Sanjuán

- 1. Department of Ophthalmology, Miguel Servet University Hospital, 50009 Zaragoza, Spain
- 2. Miguel Servet Ophthalmology Research Group (GIMSO), Aragon Health Research Institute (IIS Aragon), University of Zaragoza, 50009 Zaragoza, Spain

## Deadline for manuscript submissions

closed (30 June 2023)



## **Pharmaceutics**

an Open Access Journal by MDPI

Impact Factor 5.5 CiteScore 10.0 Indexed in PubMed



mdpi.com/si/113923

Pharmaceutics
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
pharmaceutics@mdpi.com

mdpi.com/journal/pharmaceutics





an Open Access Journal by MDPI

Impact Factor 5.5 CiteScore 10.0 Indexed in PubMed



## **About the Journal**

## Message from the Editor-in-Chief

Pharmaceutics (ISSN 1999-4923) is an online open access journal on the science and technology of pharmaceutics and biopharmaceutics. The scientific community, the wider community and the general public have unlimited and free access to the content as soon as a paper is published; this open access to your research ensures your findings are shared with the widest possible audience. Please consider publishing your impressive work in this high quality journal. We would be pleased to welcome you as one of our authors.

#### Editor-in-Chief

Prof. Dr. Patrick J. Sinko

Ernest Mario School of Pharmacy, Rutgers, The State University of New Jersey, William Levine Hall, Room 225C, 160 Frelinghuysen Road, Piscataway, NJ 08854-8020, USA

### **Author Benefits**

## **High Visibility:**

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, CAPlus / SciFinder, and other databases.

### Journal Rank:

JCR - Q1 (Pharmacology and Pharmacy) / CiteScore - Q1 (Pharmaceutical Science)

## **Rapid Publication:**

manuscripts are peer-reviewed and a first decision is provided to authors approximately 14.9 days after submission; acceptance to publication is undertaken in 3.3 days (median values for papers published in this journal in the first half of 2025).

